FORM PTO-1390 (REV 12-29-99)

U.S. DEPAR

OF COMMERCE PATENT AND TRADEMARK OFFICE TO THE COMMERCE PATENT AND

TRANSMITTAL LETTER TO THE UNITED STATES

BGR-017PCT/US

INTERNATIONAL APPLICATION	NO.
PCT/US 00/40401	

1 1		10 the charge strates						
,	DESIGNATED/ELECT	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)						
CONCERNING A FILING UNDER 35 U.S.C. 371			10/048129					
	ATIONAL APPLICATION NO. S 00/40401	INTERNATIONAL FILING DATE 18 July 2000 (18.07.00)	PRIORITY DATE CLAIMED 21 July 1999 (21.07.99)					
TTLE C	OF INVENTION ced Crossflow Heat Tran	sfer						
PPLICA	NT(S) FOR DO/EO/US sen, Thomas L. and Jaya							
		es Designated/Elected Office (DO/EO/US) the follo	wing items and other information:					
1 X								
2.	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.							
3. X 4. X	This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).							
5. X	A copy of the International App	elication as filed (35 U.S.C. 371(c)(2))						
	a. is transmitted herewith	(required only if not transmitted by the Intern	ational Bureau).					
		the International Bureau.						
	-	pplication was filed in the United States Recei						
6. ∐ ≅ T∇I	•	al Application into English (35 U.S.C. 371(c)(2						
7., 1.44	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	L1	n (required only if not transmitted by the Inter	mational Bureau).					
	 1	by the International Bureau. Sowever, the time limit for making such amendi	ments has NOT expired					
		· · · · · · · · · · · · · · · · · · ·	ments has NOT expired.					
. \Box	d. X have not been made and		2 271(a)(2))					
8. L 9. X		s to the claims under PCT Article 19 (35 U.S.C						
		ventor(s) (35 U.S.C. 371(c)(4)). executed						
0.	A translation of the annexes to t (35 U.S.C. 371(c)(5)).	he International Preliminary Examination Rep	oort under PCT Article 36					
Items 1	11. to 16. below concern docume	nt(s) or information included:						
1. 🔯	An Information Disclosure State	ment under 37 CFR 1.97 and 1.98.						
2.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
3. X	A FIRST preliminary amendmen	nt.						
	A SECOND or SUBSEQUENT	preliminary amendment.						
4.	A substitute specification.							
5.	A change of power of attorney as	nd/or address letter.						
6. X	Other items or information: In	formation Disclosure Statement	and reference copies					
		ERTIFICATION UNDER 37 C.F.R. § 1.10*						
(Express Mail label number is mandatory.) (Express Mail certification is optional.)								
100 100 100 100 100 100 100 100 100 100	with the United States Postal Se	MANAGERX 2028 U.S. Patent and Tr	n envelope as "Express Mail ddressed to the: Assistant rademark Office, P.O. Box 2327					
	Arlington, VA 22202	. <u>Leslie R. Silverst</u>	ein					
,		(type or print name of person						
	•	Laure & Slace	10					

Signature of person mailing paper

name I of?

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U.S. APPLICATION NO. (if)		FERNATIONAL APPLICATION NO.		ATTORNEY STOCK	ET NOWBEK		
- W - 0		· · · · · · · · · · · · · · · · · · ·	Î	CALCULATIONS	PTO USE ONLY		
BASIC NATION Neither internation	lowing fees are submitted: AL FEE (37 CFR 1.492 (a lational preliminary examinational search fee (37 CFR 1.44 lational Search Report not prepare to the search Report not the search Report						
International USPTO but I	preliminary examination fee nternational Search Report p	e (37 CFR 1.482) not paid to prepared by the EPO or JPO	\$840.00				
	preliminary examination fee search fee (37 CFR 1.445(a	(37 CFR 1.482) not paid to USF (2)) paid to USPTO	PTO but		•		
International but all claims	preliminary examination fed did not satisfy provisions o	e paid to USPTO (37 CFR 1.48 of PCT Article 33(1)-(4)	2) \$710.00 X\$678 XXX		-		
International and all claims	preliminary examination fe	e paid to USPTO (37 CFR 1.48 F Article 33(1)-(4)	(2) .\$96.00				
	ENTER APPROF	PRIATE BASIC FEE AM	IOUNT =	\$ 710.00			
	0.00 for furnishing the oath earliest claimed priority dat		0	\$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE .				
Total claims	44 - 20 =	24	X \$18.00	\$432.00			
Independent claims	2 -3 =	0	X \$78.00	\$ 0			
MULTIPLE DEPI	ENDENT CLAIM(S) (if applic		+ \$260.00	\$			
	TOTAL	OF ABOVE CALCULAT	rions =	\$1,142.00			
	for filing by small entity, if I (Note 37 CFR 1.9, 1.27, 1	applicable. A Small Entity Stat 28).	tement	\$			
		SUBT	TOTAL =	\$ 1,142.00			
	\$130.00 for furnishing the earliest claimed priority dat	\$					
TOTAL NATIONAL FEE = \$1,142.00							
Fee for recording accompanied by	the enclosed assignment (3 an appropriate cover sheet (7 CFR 1.21(h)). The assignme 37 CFR 3.28, 3.31). \$40.00 per	ent must be r property +	\$			
		TOTAL FEES ENC	LOSED =	\$1,142.00			
		TO MILE TELES ENTE	20022	Amount to be refunded:	\$		
				charged:	\$		
a. X A check in the amount of \$1,142.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.							
A duplicate copy of this sheet is enclosed.							
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1139. A duplicate copy of this sheet is enclosed.							
		it under 37 CFR 1.494 or 1.49 d to restore the application to		net, a petition to re	evive (37 CFR		
SEND ALL CORRES	SPONDENCE TO:		Di	Shertin			
David Silverstein SIGNATU							
Andover-IP-Law			SIGNATU	RE:			
	'-Law						
	P-Law creet, Suite 300			re: d Silverstein			
44 Park St	P-Law creet, Suite 300		Davi	d Silverstein			